Python Programming Lab Assignment - Problem Statements

# Program 1: Check Even or Odd

Write a Python program to check whether a number is even or odd.

# Program 2: Largest of Three Numbers

Write a Python program to find the largest among three numbers.

# Program 3: Grade Calculation

Write a Python program to calculate grade based on marks.

# Program 4: Leap Year Check

Write a Python program to check whether a given year is a leap year or not.

# Program 5: Check Positive, Negative, or Zero

Write a program to check if a number is positive, negative or zero.

# Program 6: Sum of First N Natural Numbers

Write a program to find sum of first N natural numbers.

# Program 7: Multiplication Table

Write a program to print multiplication table of a given number.

# Program 8: Factorial of a Number

Write a program to find factorial of a given number.

# Program 9: Reverse a Number

Write a program to reverse a given number.

# Program 10: Fibonacci Series

Write a program to print first N terms of Fibonacci series.

# Program 11: Check Prime Number

Write a program to check whether a given number is prime or not.

# Program 12: Check Vowel or Consonant

Write a program to check whether a character is vowel or consonant.

# Program 13: Check Palindrome Number

Write a program to check if a number is palindrome.

# Program 14: Check Armstrong Number

Write a program to check if a number is Armstrong number.

# Program 15: Check Eligibility to Vote

Write a program to check if a person is eligible to vote.

# Program 16: Find Factors of a Number

Write a program to display all factors of a number.

# Program 17: Sum of Digits of a Number

Write a program to find sum of digits of a number.

# Program 18: Count Digits in a Number

Write a program to count digits of a number.

# Program 19: Print All Prime Numbers (1 to N)

Write a program to print all prime numbers between 1 and N.

# Program 20: Pattern Printing

Write a program to print right-angled triangle star pattern.